Abstract Of The Disclosure

A system for classifying occupants of a vehicle, which, in addition to a sound-wave receiver, has at least one sound-wave transmitter in the seat. Therefore, it is possible to obtain additional information, particularly by using a propagation-time measurement and a shift in frequency. Moreover, by the evaluation of the reception spectra, it is possible to infer the ageing of the elements used for generating or receiving sound waves.

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